

## SEQUENCE LISTING

<110> CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
 <120> METHOD FOR INDUCING VIRAL RESISTANCE INTO A PLANT  
 <130> P.SES.03/EP

<140> 99200773.2  
 <141> 1999-03-12

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 357

<212> DNA

<213> Beet necrotic yellow vein virus

<220>

<221> CDS

<222> (1)..(354)

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gtt ggt gtt tgt gtt gtg gct ttc ttt gta ttg ctg gcg ttc atg cag 96  
 Val Gly Val Cys Val Val Ala Phe Phe Val Leu Leu Ala Phe Met Gln  
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caa aaa cat aag aca cat tct ggg ggt gat tac gga gtc cca aca ttt 144  
 Gln Lys His Lys Thr His Ser Gly Asp Tyr Gly Val Pro Thr Phe  
 35 40 45

tct aac ggt ggt ata tat aga gac ggt aca aga tca gct gat ttt aat 192  
 Ser Asn Gly Gly Ile Tyr Arg Asp Gly Thr Arg Ser Ala Asp Phe Asn  
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agt aac aat cat cgt gct tac ggg tgc ggt ggg tct ggg ggt agc gtt 240  
 Ser Asn Asn His Arg Ala Tyr Gly Cys Gly Gly Ser Gly Gly Ser Val  
 65 70 75 80

agt agt cga gtt ggg cag caa ctt att gtg tta gct att gtt tct gtg 288  
 Ser Ser Arg Val Gly Gln Gln Leu Ile Val Leu Ala Ile Val Ser Val  
 85 90 95

tta ata gtg tca cta tta caa cga tta agg tct cca cca gaa cac att 336  
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<212> PRT

<213> Beet necrotic yellow vein virus

<400> 2

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Val Gly Val Cys Val Val Ala Phe Phe Val Leu Leu Ala Phe Met Gln  
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Gln Lys His Lys Thr His Ser Gly Gly Asp Tyr Gly Val Pro Thr Phe  
35 40 45

Ser Asn Gly Gly Ile Tyr Arg Asp Gly Thr Arg Ser Ala Asp Phe Asn  
50 55 60

Ser Asn Asn His Arg Ala Tyr Gly Cys Gly Gly Ser Gly Gly Ser Val  
65 70 75 80

Ser Ser Arg Val Gly Gln Gln Leu Ile Val Leu Ala Ile Val Ser Val  
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Leu Ile Val Ser Leu Leu Gln Arg Leu Arg Ser Pro Pro Glu His Ile  
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Cys Asn Gly Ala Cys Gly  
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<210> 3

<211> 357

<212> DNA

<213> Beet necrotic yellow vein virus

<220>

<221> CDS

<222> (1)..(354)

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Met Ser Arg Glu Ile Thr Ala Arg Pro Asn Lys Asn Val Pro Ile Val  
1 5 10 15

gtt ggt gtt tgt gtt gtg gct ttc ttt gta ttg ctg gcg ttc atg cag 96  
Val Gly Val Cys Val Val Ala Phe Phe Val Leu Leu Ala Phe Met Gln  
20 25 30

caa gca gct gcg aca cat tct ggg ggt gat tac gga gtc cca aca ttt 144  
Gln Ala Ala Ala Thr His Ser Gly Gly Asp Tyr Gly Val Pro Thr Phe  
35 40 45

tct aac ggt ggt ata tat aga gac ggt aca aga tca gct gat ttt aat 192  
Ser Asn Gly Gly Ile Tyr Arg Asp Gly Thr Arg Ser Ala Asp Phe Asn  
50 55 60

agt aac aat cat cgt gct tac ggg tgc ggt ggg tct ggg ggt agc gtt 240  
Ser Asn Asn His Arg Ala Tyr Gly Cys Gly Gly Ser Gly Gly Ser Val  
65 70 75 80

agt agt cga gtt ggg cag caa ctt att gtg tta gct att gtt tct gtg 288  
Ser Ser Arg Val Gly Gln Gln Leu Ile Val Leu Ala Ile Val Ser Val

85 90 95  
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tgt aat ggt gct tgt ggt taa  
 Cys Asn Gly Ala Cys Gly 357  
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<210> 4  
 <211> 118  
 <212> PRT  
 <213> Beet necrotic yellow vein virus

<400> 4  
 Met Ser Arg Glu Ile Thr Ala Arg Pro Asn Lys Asn Val Pro Ile Val  
 1 5 10 15

Val Gly Val Cys Val Val Ala Phe Phe Val Leu Leu Ala Phe Met Gln  
 20 25 30

Gln Ala Ala Ala Thr His Ser Gly Gly Asp Tyr Gly Val Pro Thr Phe  
 35 40 45

Ser Asn Gly Gly Ile Tyr Arg Asp Gly Thr Arg Ser Ala Asp Phe Asn  
 50 55 60

Ser Asn Asn His Arg Ala Tyr Gly Cys Gly Gly Ser Gly Gly Ser Val  
 65 70 75 80

Ser Ser Arg Val Gly Gln Gln Leu Ile Val Leu Ala Ile Val Ser Val  
 85 90 95

Leu Ile Val Ser Leu Leu Gln Arg Leu Arg Ser Pro Pro Glu His Ile  
 100 105 110

Cys Asn Gly Ala Cys Gly  
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